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OXC 6686  
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31 MAR 1964

MEMORANDUM FOR: Assistant Director, OSA  
SUBJECT: OXCART War Games

1. This memorandum contains a recommendation for the approval of the Assistant Director, OSA. Such recommendation is contained in paragraph 5.
2. The survivability and practicality of the OXCART vehicle over denied territory continues to be a subject of considerable interest. The Automation Branch is developing OXCART programs which will furnish computer solutions for the fuel/flight plan; route and command/control aspects of the mission. The OXCART Operations Division is developing operational mission generation techniques to implement the capability against the COMOR requirements.
3. In order to insure the best survivability, the Air Defense Branch, DSD/OSI is developing a computer program which considers the total target defenses and total aircraft performance as well as the proposed route of flight. COMOR targets have been accommodated within a computer program for some time.
4. In view of the OXCART-orientated computer programs in the process of development, it seems possible that a complete OXCART mission can be flown on the computer. In short, OXCART war games should be feasible in the near future. In view of the critical need to establish and verify the success of an OXCART vehicle during a reconnaissance overflight, the following actions are suggested:
  - a. The OXCART Division's staff be augmented to establish an Operational Analysis Branch. The task of this one-man office will be to carry all available computer programs into a completed mission. The product of this office will furnish the AD/OSA with an over-all picture of the success of a particular OXCART operation. The by-products of this effort should be improved operational procedures in mission implementation.

This document contains information  
referring to Project OXCART

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b. The manning authorization for the OXCART Division should be increased by one staff officer (Major/ GS 12) who will be experienced in aircraft operations, utilization of electronic computers and will have extensive experience in DOD-type war games.

5. It is recommended that the Personnel Branch, Support Division, initiate necessary procurement actions in coordination with the OXCART Division in support of paragraph 4. a. and b. above.



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Deputy for Field Activities, OSA

The recommendation contained in paragraph 5 is approved.

Assistant Director, OSA

PLANS/FA/OSA [redacted] : ba (27 March 64)

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